

**Chem. and Chem. Eng. Journals in the Stanford University Libraries  
that Cost \$1,000+  
(Arranged by 2005 List Print Price)**

Definitions

Title	Publisher Name	2005 List Print Price	2004 List Print Price	2003 List Print Price	Percent Increase 2003 2005 List Print Price	2003 Print+Online Use at Stanford	Pages in 2003	2003 List Print Price / Pages in 2003	2003 Impact Factor in JCR
Journal of Applied Polymer Science	Wiley	\$16,995	\$16,300	\$14,495	17.2%	944	13,767	\$1.05	1.017
Tetrahedron (w/Tet Asymmetry) <# pgs excl Asym>	Elsevier	\$15,920	\$15,126	\$14,203	12.1%	2,328	10,579	\$1.34	2.641
Surface Science <incl. Surface Science Letters>	Elsevier	\$13,595	\$12,917	\$12,129	12.1%	800	8,813	\$1.38	2.063
Journal of Chromatography. A	Elsevier	\$12,992	\$12,344	\$11,591	12.1%	714	11,333	\$1.02	2.922
Journal of Polymer Science - Part A	Wiley	\$12,740	\$11,795	\$10,795	18.0%	712	4,024	\$2.68	2.226
Chemical Physics Letters	Elsevier	\$12,367	\$11,750	\$11,033	12.1%	782	12,053	\$0.92	2.438
Tetrahedron Letters	Elsevier	\$11,595	\$11,017	\$10,345	12.1%	4,582	9,385	\$1.10	2.326
Journal of Organometallic Chemistry	Elsevier	\$11,099	\$10,545	\$9,901	12.1%	778	5,959	\$1.66	2.042
International Journal of Quantum Chemistry	Wiley	\$8,978	\$8,237	\$7,495	19.8%	198	2,904	\$2.58	1.171
Inorganica Chimica Acta	Elsevier	\$8,633	\$8,202	\$7,701	12.1%	228	5,067	\$1.52	1.578
Chemical Physics	Elsevier	\$7,574	\$7,196	\$6,757	12.1%	205	4,208	\$1.61	2.07
Carbohydrate Research	Elsevier	\$7,194	\$6,835	\$6,418	12.1%	228	2,927	\$2.19	1.533
Biopolymers	Wiley	\$6,995	\$6,715	\$6,395	9.4%	1,026	3,042	\$2.10	2.733
Journal of Chemical Physics	Am Inst Physics	\$6,965	\$6,245	\$5,270	32.2%	4,870	24,515	\$0.21	2.95
Journal of Membrane Science	Elsevier	\$6,760	\$6,423	\$6,031	12.1%	342	4,552	\$1.32	2.081
Polymer - Letchworth	Elsevier	\$6,597	\$6,268	\$5,885	12.1%	289	8,207	\$0.72	2.34
Journal of Mass Spectrometry	Wiley	\$5,615	\$5,200	\$4,750	18.2%	465	1,301	\$3.65	2.875
Journal of Photochemistry and Photobiology Part A	Elsevier	\$5,566	\$4,840	\$4,545	22.5%	160	1,960	\$2.32	1.693
Journal of Molecular Catalysis. Part A.	Elsevier	\$5,533	\$5,257	\$4,936	12.1%	207	5,304	\$0.93	2.264
Biotechnology and Bioengineering	Wiley	\$5,485	\$4,995	\$4,125	33.0%	1,484	899	\$4.59	2.173
Coordination Chemistry Reviews	Elsevier	\$5,137	\$4,881	\$4,583	12.1%	260	2,959	\$1.55	5.951
Journal of Raman Spectroscopy	Wiley	\$5,105	\$4,725	\$4,315	18.3%	176	1,050	\$4.11	1.388
Rapid Communications in Mass Spectrometry	Wiley	\$4,725	\$4,295	\$3,925	20.4%	972	2,855	\$1.37	2.789
Angewandte Chemie International	Wiley	\$4,498	\$4,090	\$3,718	21.0%	20,881	6,157	\$0.60	8.427
Catalysis Today	Elsevier	\$4,434	\$4,213	\$3,956	12.1%	139	3,795	\$1.04	2.627
Heterocycles	Elsevier	\$4,267	\$4,045	\$3,798	12.3%	332	4,546	\$0.84	1.082
Journal of Macromolecular Science - Part A Pure and Applied Chemistry	Taylor & Francis--Dekker	\$4,190	\$3,880	\$3,595	16.6%	8	1,452	\$2.48	0.681
Journal of Catalysis	Elsevier	\$4,171	\$3,963	\$3,721	12.1%	149	3,529	\$1.05	3.276
Journal of Colloid and Interface Science	Elsevier	\$4,105	\$3,900	\$3,662	12.1%	445	6,240	\$0.59	1.582
Organic and Biomolecular Chemistry	Royal Soc Chem	\$3,960	\$3,589	\$3,300	20.0%	N/A	4,470	\$0.74	N/A

Note: The price Stanford pays for a journal varies considerably (usually ranges from -10% to +25% of list print price). For more information on prices, please go to Definition section.

**Chem. and Chem. Eng. Journals in the Stanford University Libraries  
that Cost \$1,000+  
(Arranged by 2005 List Print Price)**

Definitions

Title	Publisher Name	2005 List Print Price	2004 List Print Price	2003 List Print Price	Percent Increase 2003 2005 List Print Price	2003 Print+Online Use at Stanford	Pages in 2003	2003 List Print Price / Pages in 2003	2003 Impact Factor in JCR
European Journal of Organic Chemistry	Wiley	\$3,898	\$3,528	\$3,298	18.2%	2,122	4,952	\$0.67	2.227
Journal of Magnetic Resonance	Elsevier	\$3,721	\$3,535	\$3,319	12.1%	202	2,051	\$1.62	2.084
Biomaterials	Elsevier	\$3,656	\$3,179	\$2,985	22.5%	893	5,243	\$0.57	2.903
Biochemistry	Am Chem Soc	\$3,427	\$3,182	\$2,906	17.9%	14,718	15,398	\$0.19	3.922
Journal of Non-Newtonian Fluid Mechanics	Elsevier	\$3,424	\$3,253	\$3,054	12.1%	153	1,925	\$1.59	1.412
International Journal of Chemical Kinetics	Wiley	\$3,400	\$3,240	\$2,950	15.3%	217	669	\$4.41	1.376
Advanced Materials	Wiley	\$3,398	\$2,888	\$2,578	31.8%	4,315	2,149	\$1.20	7.305
Chemistry: A European Journal	Wiley	\$3,378	\$2,968	\$2,578	31.0%	2,848	6,224	\$0.41	4.353
Organic Letters	Am Chem Soc	\$3,361	\$3,121	\$2,850	17.9%	14,760	5,103	\$0.56	4.092
European Journal of Inorganic Chemistry	Wiley	\$3,248	\$2,824	\$2,498	30.0%	460	4,410	\$0.57	2.482
Journal of the American Chemical Society	Am Chem Soc	\$3,165	\$2,939	\$2,684	17.9%	54,609	16,463	\$0.16	6.516
Journal of Materials Chemistry	Royal Soc Chem	\$3,005	\$2,145	\$1,666	80.4%	870	3,127	\$0.53	2.659
Dalton Transactions	Royal Soc Chem	\$2,965	\$2,698	\$2,475	19.8%	502	4,780	\$0.52	2.908
Langmuir	Am Chem Soc	\$2,912	\$2,704	\$2,625	10.9%	6,859	10,999	\$0.24	3.098
Fuel	Elsevier	\$2,910	\$2,765	\$2,596	12.1%	105	2,341	\$1.11	1.167
Physical Chemistry Chemical Physics	Royal Soc Chem	\$2,865	\$2,607	\$2,393	19.7%	438	2,730	\$0.88	1.959
Synthetic Communications	Taylor & Francis-- Dekker	\$2,851	\$2,640	\$2,640	8.0%	523	4,440	\$0.59	0.853
Polymers for Advanced Technologies	Wiley	\$2,795	\$2,590	\$2,365	18.2%	141	860	\$2.75	0.982
Bioorganic and Medicinal Chemistry Letters	Elsevier	\$2,637	\$2,505	\$2,352	12.1%	796	4,521	\$0.52	2.182
Tetrahedron Asymmetry	Elsevier	\$2,637	\$2,505	\$2,352	12.1%	595	3,986	\$0.59	2.178
Chemical Communications	Royal Soc Chem	\$2,635	\$1,725	\$1,450	81.7%	1,358	3,051	\$0.48	4.031
Macromolecules	Am Chem Soc	\$2,611	\$2,424	\$2,214	17.9%	4,654	10,132	\$0.22	3.621
Inorganic Chemistry	Am Chem Soc	\$2,604	\$2,418	\$2,208	17.9%	4,455	8,910	\$0.25	3.389
Journal of the Science of Food and Agriculture	Wiley	\$2,590	\$2,395	\$2,220	16.7%	92	1,630	\$1.36	0.978
Macromolecular Chemistry and Physics	Wiley	\$2,548	\$3,415	\$4,888	-47.9%	245	2,306	\$2.12	1.39
Organometallics	Am Chem Soc	\$2,454	\$2,279	\$2,081	17.9%	3,133	5,596	\$0.37	3.375
Journal of Computational Chemistry	Wiley	\$2,450	\$2,280	\$2,080	17.8%	654	2,100	\$0.99	3.186
Macromolecular Materials & Engineering	Wiley	\$2,298	\$2,088	\$1,988	15.6%	35	995	\$2.00	1.17
Journal of Inorganic Biochemistry	Elsevier	\$2,292	\$2,178	\$2,045	12.1%	110	1,930	\$1.06	2.343

Note: The price Stanford pays for a journal varies considerably (usually ranges from -10% to +25% of list print price).  
For more information on prices, please go to Definition section.

**Chem. and Chem. Eng. Journals in the Stanford University Libraries  
that Cost \$1,000+  
(Arranged by 2005 List Print Price)**

Definitions

Title	Publisher Name	2005 List Print Price	2004 List Print Price	2003 List Print Price	Percent Increase 2003 2005 List Print Price	2003 Print+Online Use at Stanford	Pages in 2003	2003 List Print Price / Pages in 2003	2003 Impact Factor in JCR
Advances in Colloid and Interface Science	Elsevier	\$2,227	\$2,116	\$1,987	12.1%	79	1,912	\$1.04	4.057
Helvetica Chimica Acta	Wiley	\$2,188	\$1,998	\$1,848	18.4%	707	4,363	\$0.42	1.861
Crystal Growth & Design	Am Chem Soc	\$2,185	\$2,029	\$1,853	17.9%	620	1,042	\$1.78	2.742
Journal of Organic Chemistry	Am Chem Soc	\$2,134	\$1,986	\$1,814	17.6%	13,337	10,199	\$0.18	3.297
Rheologica Acta	Springer	\$2,046	\$1,726	\$1,525	34.2%	27	604	\$2.52	1.548
Chirality	Wiley	\$2,020	\$1,860	\$1,695	19.2%	230	801	\$2.12	1.793
Polymer International	Wiley	\$2,020	\$1,870	\$1,715	17.8%	183	1,929	\$0.89	0.861
ZAAC: Zeitschrift fur Anorganische Und Allgemeine Chemie = Journal of Inorganic and General Chemistry	Wiley	\$1,998	\$1,798	\$1,498	33.4%	80	2,599	\$0.58	1.127
Journal of Physical Chemistry. Part A.	Am Chem Soc	\$1,979	\$1,837	\$1,678	17.9%	5,165	11,595	\$0.14	2.792
Journal of Physical Chemistry. Part B.	Am Chem Soc	\$1,979	\$1,837	\$1,678	17.9%	5,224	14,630	\$0.11	3.679
Bioorganic and Medicinal Chemistry	Elsevier	\$1,959	\$1,861	\$1,747	12.1%	374	5,567	\$0.31	2.185
Macromolecular Rapid Communications	Wiley	\$1,948	Pkg	Pkg		194	1,100	N/A	3.236
Journal of Analytical Atomic Spectrometry	Royal Soc Chem	\$1,940	\$1,733	\$1,592	21.9%	12	1,528	\$1.04	3.2
Macromolecular Symposia	Wiley	\$1,848	\$1,646	\$1,568	17.9%	173	4,895	\$0.32	0.895
Monatshefte Fuer Chemie	Springer	\$1,844	\$1,688	\$1,569	17.5%	53	1,658	\$0.95	0.886
Current Organic Chemistry	Bentham Science	\$1,830	\$1,710	\$1,600	14.4%	60	1,886	\$0.85	2.521
Journal of Medicinal Chemistry	Am Chem Soc	\$1,828	\$1,697	\$1,550	17.9%	3,276	5,843	\$0.27	4.82
Journal of Chemical Technology and Biotechnology	Wiley	\$1,760	\$1,630	\$1,495	17.7%	67	1,289	\$1.16	0.979
Nature Materials	Nature	\$1,755	\$1,430	\$1,312	33.8%	1,730	836	\$1.57	10.778
Nature Structural and Molecular Biology	Nature	\$1,755	\$1,139	\$1,063	65.1%	5,521	1,074	\$0.99	N/A
Journal of Biomolecular NMR	Springer--Kluwer	\$1,735	\$1,570	\$1,460	18.8%	N/A	1,144	\$1.28	2.42
Russian Chemical Reviews	Turpion Ltd	\$1,726	\$1,613	\$1,508	14.5%	32	1,055	\$1.43	N/A
Industrial & Engineering Chemistry Research	Am Chem Soc	\$1,704	\$1,582	\$1,445	17.9%	475	7,045	\$0.21	1.317
Analyst - Letchworth	Royal Soc Chem	\$1,645	\$1,460	\$1,341	22.7%	462	1,489	\$0.90	2.251
Photochemical and Photobiological Sciences	Royal Soc Chem	\$1,640	\$1,336	\$1,187	38.2%	23	1,310	\$0.91	1.359
Zeitschrift Fuer Physikalische Chemie : International Journal of Research in Physical Chemistry and Chemical Physics. - Neue Folge	Oldenbourg	\$1,596	\$1,324	\$1,111	43.7%	10	1,659	\$0.67	0.636

Note: The price Stanford pays for a journal varies considerably (usually ranges from -10% to +25% of list print price).  
For more information on prices, please go to Definition section.

**Chem. and Chem. Eng. Journals in the Stanford University Libraries  
that Cost \$1,000+  
(Arranged by 2005 List Print Price)**

Definitions

Title	Publisher Name	2005 List Print Price	2004 List Print Price	2003 List Print Price	Percent Increase 2003 2005 List Print Price	2003 Print+Online Use at Stanford	Pages in 2003	2003 List Print Price / Pages in 2003	2003 Impact Factor in JCR
Synthesis : Journal of Synthetic Organic Chemistry	Thieme	\$1,595	\$1,469	\$1,392	14.6%	N/A	2,902	\$0.48	2.074
Biosensors and Bioelectronics	Elsevier	\$1,561	\$1,357	\$1,274	22.5%	311	2,028	\$0.63	2.947
Acta Crystallographica. Section C	Blackwell	\$1,539	\$1,367	\$1,109	38.8%	N/A	778	\$1.43	0.828
Nature	Nature	\$1,526	\$1,280	\$920	65.9%	406	5,982	\$0.15	30.979
Chromatographia <Incl. Supplements>	Springer--Vieweg	\$1,519	\$1,392	\$1,307	16.2%	36	2,070	\$0.63	1.145
Environmental Science & Technology	Am Chem Soc	\$1,507	\$1,399	\$1,278	17.9%	6,716	5,838	\$0.22	3.592
Macromolecular Bioscience	Wiley	\$1,498	\$1,308	\$1,198	25.0%	75	771	\$1.55	2.439
Radiochimica Acta : International Journal for Chemical Aspects of Nuclear Science and Technology	Oldenbourg	\$1,490	\$1,207	\$1,012	47.2%	20	776	\$1.30	0.94
Applied Biochemistry and Biotechnology - Part A - Enzyme Engineer and Biotechn	Humana	\$1,455	\$1,350	\$1,395	4.3%	N/A	190	\$7.34	0.69
Chemistry and Biology - Cambridge	Elsevier--Cell Press	\$1,409	\$1,339	\$1,257	12.1%	167	1,311	\$0.96	6.129
Chemistry of Materials	Am Chem Soc	\$1,394	\$1,294	\$1,182	17.9%	1,744	5,072	\$0.23	4.374
Chemical Engineering Research and Design	Inst Chem Eng	\$1,391	\$1,119	\$698	99.3%	N/A	1,411	\$0.49	0.737
Analytical Chemistry	Am Chem Soc	\$1,374	\$1,276	\$1,165	17.9%	7,403	7,043	\$0.17	5.25
ChemBioChem	Wiley	\$1,318	\$1,098	\$898	46.8%	935	1,360	\$0.66	3.992
Green Chemistry	Royal Soc Chem	\$1,310	\$1,084	\$815	60.7%	99	739	\$1.10	2.82
Current Opinion in Chemical Biology	Elsevier--Current Trends	\$1,309	\$1,206	\$1,106	18.4%	126	782	\$1.41	7.76
Nano Letters	Am Chem Soc	\$1,256	\$1,166	\$1,065	17.9%	6,946	1,760	\$0.61	6.144
Advanced Synthesis and Catalysis	Wiley	\$1,228	\$1,078	\$688	78.5%	961	1,359	\$0.51	3.783
Progress in Nuclear Magnetic Resonance Spectroscopy	Elsevier	\$1,201	\$1,141	\$1,071	12.1%	57	251	\$4.27	5.971
Acta Crystallographica. Section E	Blackwell	\$1,176	\$1,134	\$1,000	17.6%	N/A	N/A	N/A	0.453
Synlett : Accounts and Rapid Communications in Synthetic Organic Chemistry	Thieme	\$1,165	\$1,029	\$978	19.1%	N/A	2,444	\$0.40	2.741
Australian Journal of Chemistry	CSIRO	\$1,155	\$1,155	\$995	16.1%	N/A	1,266	\$0.79	1.434

Note: The price Stanford pays for a journal varies considerably (usually ranges from -10% to +25% of list print price). For more information on prices, please go to Definition section.