

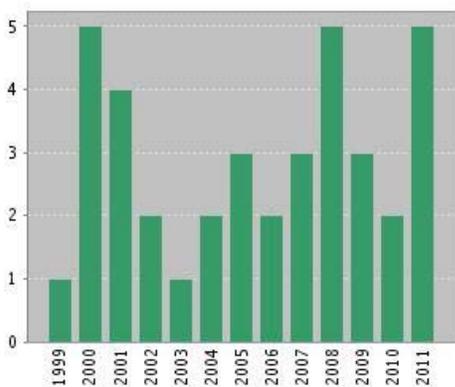
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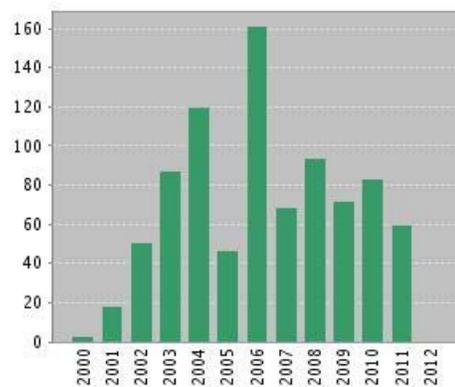
Citation Report Author=(agarwal pk) AND Address=(oak ridge or penn state or notre dame)
Timespan=All Years. Databases=SCI-EXPANDED, CPCI-S.

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Published Items in Each Year



Citations in Each Year



Results found: 38
Sum of the Times Cited [?]: 865
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h-index [?]: 12

Results: 38 Page 1 of 4 Go Sort by: Times Cited -- highest to lowest

	2008	2009	2010	2011	2012	Total	Average Citations per Year
<input type="checkbox"/> Use the checkboxes to remove individual items from this Citation Report or restrict to items published between 1945 and 2012 Go	94	72	83	60	0	865	72.08
<input type="checkbox"/> 1. Title: Network of coupled promoting motions in enzyme catalysis Author(s): Agarwal PK; Billeter SR; Rajagopalan PTR; et al. Source: PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA Volume: 99 Issue: 5 Pages: 2794-2799 DOI: 10.1073/pnas.052005999 Published: MAR 5 2002	22	25	18	15	0	220	22.00
<input type="checkbox"/> 2. Title: Hydride transfer in liver alcohol dehydrogenase: Quantum dynamics, kinetic isotope effects, and role of enzyme motion Author(s): Billeter SR; Webb SP; Agarwal PK; et al. Source: JOURNAL OF THE AMERICAN CHEMICAL SOCIETY Volume: 123 Issue: 45 Pages: 11262-11272 DOI: 10.1021/ja011384b Published: NOV 14 2001	10	4	16	3	0	115	10.45
<input type="checkbox"/> 3. Title: Nuclear quantum effects and enzyme dynamics in dihydrofolate reductase catalysis Author(s): Agarwal PK; Billeter SR; Hammes-Schiffer S Source: JOURNAL OF PHYSICAL CHEMISTRY B Volume: 106 Issue: 12 Pages: 3283-3293 DOI: 10.1021/jp020190v Published: MAR 28 2002	9	3	9	6	0	97	9.70
<input type="checkbox"/> 4. Title: Computational studies of the mechanism for proton and hydride transfer in liver alcohol dehydrogenase Author(s): Agarwal PK; Webb SP; Hammes-Schiffer S Source: JOURNAL OF THE AMERICAN CHEMICAL SOCIETY Volume: 122 Issue: 19 Pages: 4803-4812 DOI: 10.1021/ja994456w Published: MAY 17 2000	5	2	8	1	0	81	6.75

	2008	2009	2010	2011	2012	Total	Average Citations per Year
<p>Use the checkboxes to remove individual items from this Citation Report or restrict to items published between <input type="text" value="1945"/> and <input type="text" value="2012"/> <input type="button" value="Go"/></p>	94	72	83	60	0	865	72.08
<input type="checkbox"/> 5. Title: Hybrid approach for including electronic and nuclear quantum effects in molecular dynamics simulations of hydrogen transfer reactions in enzymes Author(s): Billeter SR; Webb SP; Iordanov T; et al. Source: JOURNAL OF CHEMICAL PHYSICS Volume: 114 Issue: 15 Pages: 6925-6936 DOI: 10.1063/1.1356441 Published: APR 15 2001	5	3	5	1	0	78	7.09
<input type="checkbox"/> 6. Title: Role of protein dynamics in reaction rate enhancement by enzymes Author(s): Agarwal PK Source: JOURNAL OF THE AMERICAN CHEMICAL SOCIETY Volume: 127 Issue: 43 Pages: 15248-15256 DOI: 10.1021/ja055251s Published: NOV 2 2005	14	8	13	6	0	61	8.71
<input type="checkbox"/> 7. Title: Effect of mutation on enzyme motion in dihydrofolate reductase Author(s): Watney JB; Agarwal PK; Hammes-Schiffer S Source: JOURNAL OF THE AMERICAN CHEMICAL SOCIETY Volume: 125 Issue: 13 Pages: 3745-3750 DOI: 10.1021/ja028487u Published: APR 2 2003	3	6	4	4	0	59	6.56
<input type="checkbox"/> 8. Title: Combining electronic structure methods with the calculation of hydrogen vibrational wavefunctions: Application to hydride transfer in liver alcohol dehydrogenase Author(s): Webb SP; Agarwal PK; Hammes-Schiffer S Source: JOURNAL OF PHYSICAL CHEMISTRY B Volume: 104 Issue: 37 Pages: 8884-8894 DOI: 10.1021/jp001635n Published: SEP 21 2000	0	0	3	1	0	38	3.17
<input type="checkbox"/> 9. Title: Protein dynamics and enzymatic catalysis: Investigating the peptidyl-prolyl cis-trans isomerization activity of cyclophilin A Author(s): Agarwal PK; Geist A; Gorin A Source: BIOCHEMISTRY Volume: 43 Issue: 33 Pages: 10605-10618 DOI: 10.1021/bi0495228 Published: AUG 24 2004	4	4	3	4	0	30	3.75
<input type="checkbox"/> 10. Title: Enzymes: An integrated view of structure, dynamics and function Author(s): Agarwal PK Source: MICROBIAL CELL FACTORIES Volume: 5 Article Number: 2 DOI: 10.1186/1475-2859-5-2 Published: JAN 12 2006	7	4	1	6	0	28	4.67

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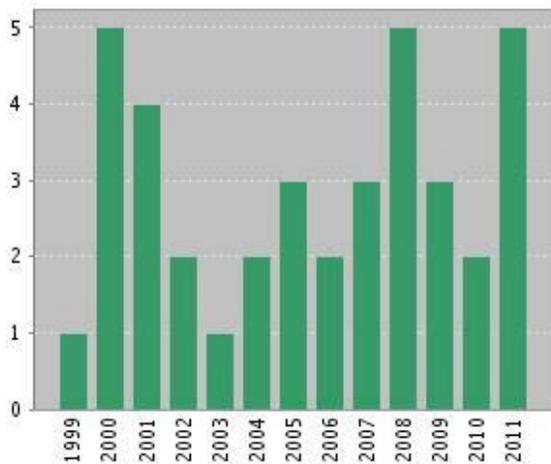
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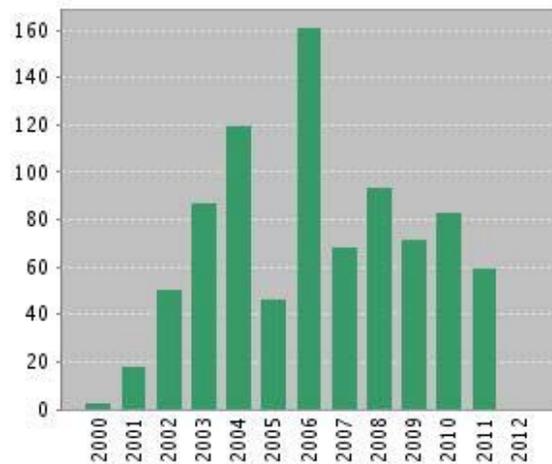
Citation Report Author=(agarwal pk) AND Address=(oak ridge or penn state or notre dame)
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Results: 38 Page 2 of 4 Go Times Cited -- highest to lowest Sort by:

	2008	2009	2010	2011	2012	Total	Average Citations per Year
Use the checkboxes to remove individual items from this Citation Report or restrict to items published between 1945 and 2012 Go	94	72	83	60	0	865	72.08
11. Title: Cis/trans isomerization in HIV-1 capsid protein catalyzed by cyclophilin A: Insights from computational and theoretical studies Author(s): Agarwal PK Source: PROTEINS-STRUCTURE FUNCTION AND BIOINFORMATICS Volume: 56 Issue: 3 Pages: 449-463 DOI: 10.1002/prot.20135 Published: AUG 15 2004	2	5	1	3	0	21	2.62

Use the checkboxes to remove individual items from this Citation Report or restrict to items published between		2008	2009	2010	2011	2012	Total	Average Citations per Year
<input type="checkbox"/> 12. Title: Using FPGA devices to accelerate biomolecular simulations Author(s): Alam Sadaf R.; Agarwal Pratul K.; Smith Melissa C.; et al. Source: COMPUTER Volume: 40 Issue: 3 Pages: 66+ DOI: 10.1109/MC.2007.108 Published: MAR 2007		94	72	83	60	0	865	72.08
<input type="checkbox"/> 13. Title: Biomolecular simulations on petascale: promises and challenges Author(s): Agarwal Pratul K.; Alam Sadaf R. Editor(s): Tang WM Conference: 2nd Annual Scientific Discovery Through Advanced Computing Conference (SciDAC 2006) Location: Denver, CO Date: JUN 25-29, 2006 Source: SciDAC 2006: Scientific Discovery Through Advanced Computing Book Series: JOURNAL OF PHYSICS CONFERENCE SERIES Volume: 46 Pages: 327-333 DOI: 10.1088/1742-6596/46/1/046 Published: 2006		4	0	1	0	0	5	0.83
<input type="checkbox"/> 14. Title: Computational Identification of Slow Conformational Fluctuations in Proteins Author(s): Ramanathan Arvind; Agarwal Pratul K. Source: JOURNAL OF PHYSICAL CHEMISTRY B Volume: 113 Issue: 52 Pages: 16669-16680 DOI: 10.1021/jp9077213 Published: DEC 31 2009		0	0	1	4	0	5	1.67
<input type="checkbox"/> 15. Title: Construction of a Multi RE module: Exploitation of mechanochemistry of restriction endonucleases Author(s): Agarwal PK; Bhattacharya SK Source: BIOTECHNOLOGY AND BIOENGINEERING Volume: 65 Issue: 2 Pages: 233-239 DOI: 10.1002/(SICI)1097-0290(19991020)65:2<233::AID-BIT15>3.3.CO;2-J Published: OCT 20 1999		1	0	0	0	0	4	0.31
<input type="checkbox"/> 16. Title: Experimental Evaluation of Molecular Dynamics Simulations on Multi-core Systems Author(s): Alam Sadaf R.; Agarwal Pratul K.; Hampton Scott S.; et al. Editor(s): Sadayappan P; Parashar M; Badrinath R; et al. Conference: 15th International Conference on High Performance Computing (HiPC 2008) Location: Bangalore, INDIA Date: DEC 17-20, 2008 Sponsor(s): IEEE Comp Soc; ACM SIGARCH; Infosys; DELL; NetApp; Intel; HP; IBM; Yahoo; Cray & Mellanox Source: High Performance Computing - HiPC 2008, Proceedings Book Series: Lecture Notes in Computer Science Volume: 5374 Pages: 131-141 Published: 2008		0	2	0	1	0	3	0.75

Use the checkboxes to remove individual items from this Citation Report or restrict to items published between and

	2008	2009	2010	2011	2012	Total	Average Citations per Year
	94	72	83	60	0	865	72.08

- 17. Title: **Performance characteristics of biomolecular simulations on high-end systems with multi-core processors**
 Author(s): Alam Sadaf R.; Agarwal Pratul K.; Vetter Jeffrey S.
 Conference: **6th IEEE International Workshop on High Performance Computational Biology**
 Location: **Long Beach, CA** Date: **MAR 26, 2007**
 Sponsor(s): **IEEE**
 Source: PARALLEL COMPUTING Volume: **34**
 Issue: **11** Pages: **640-651** DOI: **10.1016/j.parco.2008.05.003** Published: **NOV 2008**

2008	2009	2010	2011	2012	Total	Average Citations per Year
0	3	0	0	0	3	0.75

- 18. Title: **Discovering Conformational Sub-States Relevant to Protein Function**
 Author(s): Ramanathan Arvind; Savol Andrej J.; Langmead Christopher J.; et al.
 Source: PLOS ONE Volume: **6** Issue: **1** Article Number: **e15827** DOI: **10.1371/journal.pone.0015827** Published: **JAN 28 2011**

2008	2009	2010	2011	2012	Total	Average Citations per Year
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- 19. Title: **An Online Approach for Mining Collective Behaviors from Molecular Dynamics Simulations**
 Author(s): Ramanathan Arvind; Agarwal Pratul K.; Kurnikova Maria; et al.
 Source: JOURNAL OF COMPUTATIONAL BIOLOGY Volume: **17** Issue: **3** Pages: **309-324**
 DOI: **10.1089/cmb.2009.0167** Published: **MAR 2010**

2008	2009	2010	2011	2012	Total	Average Citations per Year
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- 20. Title: **Computational studies of the mechanism for proton and hydride transfer in liver alcohol dehydrogenase.**
 Author(s): Agarwal PK; Webb SP; Hammes-Schiffer S
 Source: ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY Volume: **220**
 Pages: **U228-U228** Part: **Part 2** Meeting Abstract: **493-PHYS** Published: **AUG 20 2000**

2008	2009	2010	2011	2012	Total	Average Citations per Year
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