

Jevgenij A Raskatov

List of Publications by Year in descending order

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37
papers

677
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516215

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580395

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docs citations

40
times ranked

864
citing authors

#	ARTICLE	IF	CITATIONS
1	Suppression of Oligomer Formation and Formation of Non-toxic Fibrils upon Addition of Mirror-Image A β 42 to the Natural Enantiomer. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11506-11510.	7.2	76
2	Genome-Directed Lead Discovery: Biosynthesis, Structure Elucidation, and Biological Evaluation of Two Families of Polyene Macrolactams against <i>Trypanosoma brucei</i> . <i>ACS Chemical Biology</i> , 2015, 10, 2373-2381.	1.6	69
3	Using chirality to probe the conformational dynamics and assembly of intrinsically disordered amyloid proteins. <i>Scientific Reports</i> , 2017, 7, 12433.	1.6	37
4	Iridium-Catalyzed Allylic Substitutions with Cyclometalated Phosphoramidite Complexes Bearing a Dibenzocyclooctatetraene Ligand: Preparation of (Allyl)Ir Complexes and Computational and NMR Spectroscopic Studies. <i>Chemistry - A European Journal</i> , 2012, 18, 14314-14328.	1.7	34
5	Introduction of D-Glutamate at a Critical Residue of A β 42 Stabilizes a Prefibrillary Aggregate with Enhanced Toxicity. <i>Chemistry - A European Journal</i> , 2016, 22, 11967-11970.	1.7	31
6	Stabilization of NaBH ₄ in Methanol Using a Catalytic Amount of NaOMe. Reduction of Esters and Lactones at Room Temperature without Solvent-Induced Loss of Hydride. <i>Journal of Organic Chemistry</i> , 2018, 83, 1431-1440.	1.7	30
7	Chirality Dependence of Amyloid- β Cellular Uptake and a New Mechanistic Perspective. <i>ChemBioChem</i> , 2019, 20, 1023-1026.	1.3	29
8	Evidence for aggregation-independent, PrP ^C -mediated A β cellular internalization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 28625-28631.	3.3	26
9	Trapping and Characterization of Nontoxic A β 42 Aggregation Intermediates. <i>ACS Chemical Neuroscience</i> , 2019, 10, 3880-3887.	1.7	25
10	CpCo-Mediated Reactions of Cyclopropenones: A DFT Study. <i>Organometallics</i> , 2009, 28, 1675-1682.	1.1	23
11	Alzheimer's Disease - Non-amyloidogenic p3 Peptide Revisited: A Case for Amyloid- β . <i>ACS Chemical Neuroscience</i> , 2020, 11, 1539-1544.	1.7	23
12	Defining the Landscape of the Pauling-Corey Rippled Sheet: An Orphaned Motif Finding New Homes. <i>Accounts of Chemical Research</i> , 2021, 54, 2488-2501.	7.6	21
13	What Is the Relevant Amyloid β 42 Concentration?. <i>ChemBioChem</i> , 2019, 20, 1725-1726.	1.3	20
14	A Focused Chiral Mutant Library of the Amyloid β 42 Central Electrostatic Cluster as a Tool To Stabilize Aggregation Intermediates. <i>Journal of Organic Chemistry</i> , 2020, 85, 1385-1391.	1.7	19
15	Chiral recognition in contact ion-pairs; observation, characterization and analysis. <i>Chemical Science</i> , 2013, 4, 3140.	3.7	18
16	Understanding and controlling amyloid aggregation with chirality. <i>Current Opinion in Chemical Biology</i> , 2021, 64, 1-9.	2.8	18
17	4-Azidobenzyl ferrocenylcarbamate as an anticancer prodrug activated under reductive conditions. <i>Journal of Inorganic Biochemistry</i> , 2016, 160, 218-224.	1.5	17
18	Constraints on the Structure of Fibrils Formed by a Racemic Mixture of Amyloid- β Peptides from Solid-State NMR, Electron Microscopy, and Theory. <i>Journal of the American Chemical Society</i> , 2021, 143, 13299-13313.	6.6	17

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19	Strict Regiospecificity of Human Epithelial 15-Lipoxygenase-2 Delineates Its Transcellular Synthesis Potential. <i>Biochemistry</i> , 2016, 55, 2832-2840.	1.2	16
20	Chiral Inactivation: An Old Phenomenon with a New Twist. <i>Chemistry - A European Journal</i> , 2017, 23, 16920-16923.	1.7	16
21	Suppression of Oligomer Formation and Formation of Non-toxic Fibrils upon Addition of Mirror-image A β 42 to the Natural Enantiomer. <i>Angewandte Chemie</i> , 2017, 129, 11664-11668.	1.6	15
22	Is the p3 Peptide (A β 17-40, A β 17-42) Relevant to the Pathology of Alzheimer's Disease? <i>Journal of Alzheimer's Disease</i> , 2020, 74, 43-53.	1.2	14
23	New insights into differential aggregation of enantiomerically pure and racemic A β 40 systems. <i>Peptide Science</i> , 2019, 111, e24139.	1.0	13
24	A DFT study of structure and stability of pleated and rippled cross sheets with hydrophobic sidechains. <i>Biopolymers</i> , 2021, 112, e23391.	1.2	11
25	Conformational Selection as the Driving Force of Amyloid β Chiral Inactivation. <i>ChemBioChem</i> , 2020, 21, 2945-2949.	1.3	8
26	Assessing Reproducibility in Amyloid β Research: Impact of A β Sources on Experimental Outcomes. <i>ChemBioChem</i> , 2020, 21, 2425-2430.	1.3	8
27	Using chiral peptide substitutions to probe the structure function relationship of a key residue of A β 42. <i>Chirality</i> , 2017, 29, 5-9.	1.3	6
28	Hollow Gold Nanosphere Templated Synthesis of PEGylated Hollow Gold Nanostars and Use for SERS Detection of Amyloid Beta in Solution. <i>Journal of Physical Chemistry B</i> , 2021, 125, 12344-12352.	1.2	6
29	A Tailored HPLC Purification Protocol That Yields High-purity Amyloid Beta 42 and Amyloid Beta 40 Peptides, Capable of Oligomer Formation. <i>Journal of Visualized Experiments</i> , 2017, , .	0.2	5
30	Relative Rates of Metal-Free Azide-Alkyne Cycloadditions: Tunability over 3 Orders of Magnitude. <i>Journal of Organic Chemistry</i> , 2019, 84, 13615-13623.	1.7	5
31	A DFT-Assisted Topological Analysis of Four Polymorphic, β -Shaped A β 42 Fibril Structures. <i>ChemBioChem</i> , 2019, 20, 1722-1724.	1.3	5
32	A Facile Method for the Separation of Methionine Sulfoxide Diastereomers, Structural Assignment, and DFT Analysis. <i>Chemistry - A European Journal</i> , 2020, 26, 4467-4470.	1.7	5
33	A crystal-structural study of Pauling's Corey rippled sheets. <i>Chemical Science</i> , 2022, 13, 671-680.	3.7	5
34	Using mirror-image peptides to enhance robustness and reproducibility in studying the amyloid β -protein. <i>Progress in Molecular Biology and Translational Science</i> , 2019, 168, 57-67.	0.9	4
35	A robust preparation method for the amyloidogenic and intrinsically disordered amyloid β peptide. <i>Journal of Peptide Science</i> , 2022, 28, e3414.	0.8	2
36	Frontispiece: Chiral Inactivation: An Old Phenomenon with a New Twist. <i>Chemistry - A European Journal</i> , 2017, 23, .	1.7	0

#	ARTICLE	IF	CITATIONS
37	AN ENANTIOMERIC FRAGMENT PAIR (EFP) APPROACH FOR THE STUDY OF CELLULAR UPTAKE OF INTRINSICALLY DISORDERED PROTEINS. ChemBioChem, 2022, , .	1.3	0