

Sang-Hun Song

List of Publications by Year in descending order

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14
papers

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759233

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all docs

14
docs citations

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774
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrafast Dynamics and Anionic Active States of the Flavin Cofactor in Cryptochrome and Photolyase. <i>Journal of the American Chemical Society</i> , 2008, 130, 7695-7701.	13.7	132
2	Animal Type 1 Cryptochromes. <i>Journal of Biological Chemistry</i> , 2008, 283, 3256-3263.	3.4	103
3	Formation and Function of Flavin Anion Radical in Cryptochrome 1 Blue-Light Photoreceptor of Monarch Butterfly. <i>Journal of Biological Chemistry</i> , 2007, 282, 17608-17612.	3.4	81
4	Comparative Photochemistry of Animal Type 1 and Type 4 Cryptochromes. <i>Biochemistry</i> , 2009, 48, 8585-8593.	2.5	62
5	Modulating LOV Domain Photodynamics with a Residue Alteration outside the Chromophore Binding Site. <i>Biochemistry</i> , 2011, 50, 2411-2423.	2.5	44
6	Sodium Dodecyl Sulfate Adsorption onto Positively Charged Surfaces: Monolayer Formation With Opposing Headgroup Orientations. <i>Langmuir</i> , 2013, 29, 12710-12719.	3.5	39
7	Deconstructing the Excited-State Dynamics of \hat{I}^2 -Carotene in Solution. <i>Journal of Physical Chemistry A</i> , 2011, 115, 3905-3916.	2.5	37
8	Using narrowband excitation to confirm that the $S\hat{a}^-$ state in carotenoids is not a vibrationally-excited ground state species. <i>Chemical Physics Letters</i> , 2010, 487, 101-107.	2.6	34
9	Subpicosecond Excited-State Proton Transfer Preceding Isomerization During the Photorecovery of Photoactive Yellow Protein. <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 2793-2799.	4.6	26
10	Primary Photochemistry of the Dark- and Light-Adapted States of the YtvA Protein from <i>Bacillus subtilis</i> . <i>Biochemistry</i> , 2013, 52, 7951-7963.	2.5	26
11	Spontaneous detachment of <i>Streptococcus mutans</i> biofilm by synergistic effect between zwitterion and sugar alcohol. <i>Scientific Reports</i> , 2017, 7, 8107.	3.3	23
12	Prevention of lipid loss from hair by surface and internal modification. <i>Scientific Reports</i> , 2019, 9, 9834.	3.3	13
13	Penetration of an antimicrobial zinc-sugar alcohol complex into <i>Streptococcus mutans</i> biofilms. <i>Scientific Reports</i> , 2018, 8, 16154.	3.3	12
14	Dual Case Reports for Lipid Loss from Human Hair. <i>Archives of Clinical and Medical Case Reports</i> , 2019, 03, .	0.1	0