

Viet Anh Nguyen Huu

List of Publications by Year in descending order

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16
papers

698
citations

759233

12
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940533

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17
all docs

17
docs citations

17
times ranked

1601
citing authors

#	ARTICLE	IF	CITATIONS
1	Layered hydrogels accelerate iPSC-derived neuronal maturation and reveal migration defects caused by MeCP2 dysfunction. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 3185-3190.	7.1	136
2	Light-responsive nanoparticle depot to control release of a small molecule angiogenesis inhibitor in the posterior segment of the eye. Journal of Controlled Release, 2015, 200, 71-77.	9.9	91
3	The lipid elongation enzyme ELOVL2 is a molecular regulator of aging in the retina. Aging Cell, 2020, 19, e13100.	6.7	66
4	In vivo visible light-triggered drug release from an implanted depot. Chemical Science, 2015, 6, 335-341.	7.4	63
5	Simultaneous Enhancement of Photoluminescence, MRI Relaxivity, and CT Contrast by Tuning the Interfacial Layer of Lanthanide Heteroepitaxial Nanoparticles. Nano Letters, 2017, 17, 4873-4880.	9.1	61
6	Compact Micellization: A Strategy for Ultrahigh T ₁ Magnetic Resonance Contrast with Gadolinium-Based Nanocrystals. ACS Nano, 2016, 10, 8299-8307.	14.6	46
7	Leveraging Spectral Matching between Photosensitizers and Upconversion Nanoparticles for 808 nm-Activated Photodynamic Therapy. Chemistry of Materials, 2018, 30, 3991-4000.	6.7	46
8	Early removal of senescent cells protects retinal ganglion cells loss in experimental ocular hypertension. Aging Cell, 2020, 19, e13089.	6.7	45
9	Efficient red light photo-uncaging of active molecules in water upon assembly into nanoparticles. Chemical Science, 2016, 7, 2392-2398.	7.4	36
10	Distinct ON/OFF fluorescence signals from dual-responsive activatable nanoprobe allows detection of inflammation with improved contrast. Biomaterials, 2017, 133, 119-131.	11.4	28
11	Light-triggered chemical amplification to accelerate degradation and release from polymeric particles. Chemical Communications, 2015, 51, 16980-16983.	4.1	21
12	Chemical amplification accelerates reactive oxygen species triggered polymeric degradation. Biomaterials Science, 2018, 6, 107-114.	5.4	18
13	The Homeodomain Transcription Factors Vax1 and Six6 Are Required for SCN Development and Function. Molecular Neurobiology, 2020, 57, 1217-1232.	4.0	13
14	Biorthogonal click chemistry on poly(lactic-co-glycolic acid)-polymeric particles. Biomaterials Science, 2017, 5, 211-215.	5.4	11
15	Clinical applications of retinal gene therapies. Precision Clinical Medicine, 2018, 1, 5-20.	3.3	11
16	Urocortin 2 Gene Transfer Improves Glycemic Control and Reduces Retinopathy and Mortality in Murine Insulin Deficiency. Molecular Therapy - Methods and Clinical Development, 2020, 17, 220-233.	4.1	6