

Yang Kang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Synthesis of Benzoaryl-5-yl(2-hydroxyphenyl)methanones via Photoinduced Rearrangement of (<i>E</i>)-3-Arylvinyl-4<i>H</i>-chromen-4-ones. <i>Organic Letters</i> , 2017, 19, 5984-5987.	4.6	44
2	One-pot synthesis of 2H-phenanthro[9,10-c]pyrazoles from isoflavones by two dehydration processes. <i>Green Chemistry</i> , 2013, 15, 1048.	9.0	33
3	Transition-Metal-Free Photoinduced Intramolecular Annulation of 2,3-Di(hetero)arylchromen-4-one. <i>Organic Letters</i> , 2017, 19, 3552-3555.	4.6	33
4	Synthesis of Polycyclic Heteroaromatic Coumarins via Photoinduced Dehydrogenative Annulation of 4-Phenyl-3-heteroaryl coumarins. <i>Journal of Organic Chemistry</i> , 2018, 83, 13940-13948.	3.2	28
5	Oxidant and Transition-Metal-Free Photoinduced Direct Oxidative Annulation of 1-Aryl-2-(furan/thiophen-2-yl)butane-1,3-diones. <i>Journal of Organic Chemistry</i> , 2017, 82, 12097-12105.	3.2	25
6	Syntheses of Benzofuranoquinolines and Analogues via Photoinduced Acceptorless Dehydrogenative Annulation of <i>o</i>-Phenylfuranylpyridines. <i>Organic Letters</i> , 2019, 21, 9183-9187.	4.6	24
7	Ferrocene-containing thixotropic molecular gels: Creation and a novel strategy for water purification. <i>Journal of Colloid and Interface Science</i> , 2015, 448, 374-379.	9.4	23
8	Ï€-Expanded Coumarins: One-Pot Photo Synthesis of 5<i>H</i>-Benzo[12,1]tetrapheno[7,6,5-<i>cde</i>]chromen-5-ones and Photophysical Properties. <i>Journal of Organic Chemistry</i> , 2020, 85, 3689-3698.	3.2	23
9	Synthesis of polybenzoquinazolines via an intramolecular dehydration of photocyclization. <i>Tetrahedron</i> , 2016, 72, 5037-5046.	1.9	22
10	Synthesis and photophysical properties of vertically Ï€-expanded coumarins. <i>Dyes and Pigments</i> , 2021, 186, 108956.	3.7	21
11	Synthesis of Dibenzo[f,h][1,2,4]triazolo[3,4-b]quinazolines via a Two-Step Route with Water as the Only By-Product. <i>Synthesis</i> , 2015, 47, 3385-3391.	2.3	19
12	One-pot synthesis of 3-fluoroflavones via 1-(2-hydroxyphenyl)-3-phenylpropane-1,3-diones and selectfluor at room temperature. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 2479-2488.	2.8	17
13	Two-Step Synthesis of Ï€-Expanded Maleimides from 3,4-Diphenylfuran-2(5<i>H</i>)-ones. <i>Journal of Organic Chemistry</i> , 2019, 84, 12387-12398.	3.2	16
14	Annulation of 2,3-diphenyl-4H-chromen-4-ones via photo-induced hydrogen evolution. <i>RSC Advances</i> , 2017, 7, 44333-44339.	3.6	15
15	Synthesis and biological evaluation of arylpyrazoles as fungicides against phytopathogenic fungi. <i>Molecular Diversity</i> , 2017, 21, 317-323.	3.9	13
16	Photoinduced Annulation of <i>N</i>-Phenylbenzamides for the Synthesis of Phenanthridinâ€6(5<i>H</i>)-â€6Ones. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 1150-1155.	4.3	11
17	Synthesis of 7-hydroxy-6<i>H</i>-naphtho[2,3-<i>c</i>]coumarin <i>via</i> a TsOH-mediated tandem reaction. <i>Chemical Communications</i> , 2020, 56, 10369-10372.	4.1	6
18	Synthesis of<sc>2<i>H</i></sc>-benzo[<i>g</i>]furo/thieno/pyrrolo[2,3â€<i>e</i>]indazoles<i> via</i> Intramolecular Dehydrogenation Photocyclization. <i>Chinese Journal of Chemistry</i> , 2021, 39, 2213-2219.	4.9	5

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19	Synthesis of (2-hydroxyphenyl)(fusedphenyl)methanones <i>via</i> the photo-induced rearrangement of 2-arylisoﬂavones. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 851-858.	2.8	3
20	Synthesis of cis/trans-dihydrochromenones via a photoinduced rearrangement of 4-phenyl-3-aryl/cyclohexenylcoumarins. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 7176-7180.	2.8	2
21	Synthesis of V-shaped Bis-coumarins through Aldol Reaction/Double Lactonization Cascade Reaction from Bis(2-hydroxyphenyl)methanone and Meldrum's Acid. <i>European Journal of Organic Chemistry</i> , 2022, 2022, .	2.4	2
22	Synthesis of 6-phenylbenzo[h]quinolines <i>via</i> photoinduced dehydrogenative annulation of (E)-2-phenyl-3-styrylpyridines. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 8554-8558.	2.8	1
23	Synthesis of dibenzo[e,g]isoindol-1-ones via photoinduced intramolecular annulation of 3,4-diphenyl-1H-pyrrol-2(5H)-ones. <i>Tetrahedron</i> , 2021, 84, 131981.	1.9	1
24	An Oxidant- and Catalyst-Free Synthesis of Dibenzo[a,c]carbazoles via UV Light Irradiation of 2,3-Diphenyl-1H-indoles. <i>Synthesis</i> , 2022, 54, 1621-1632.	2.3	1