

Calendar 2013



Greetings from Kamat Lab

~ January 2013 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15 Tim Seigler's birthday	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	Notes:	



Sun-Believable Solar Paint. A Transformative One-Step Approach for Designing Nanocrystalline Solar Cells.

Genovese, M. P.; Lightcap, I. V.; Kamat, P. V.

ACS Nano, 2012, **6**, 865.

[DOI: 10.1021/nn204381g](https://doi.org/10.1021/nn204381g)



~ February 2013 ~

◀ Jan 2013

Mar 2013 ▶

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22 Raymond's Birthday	23
24	25	26	27	28	Notes:	

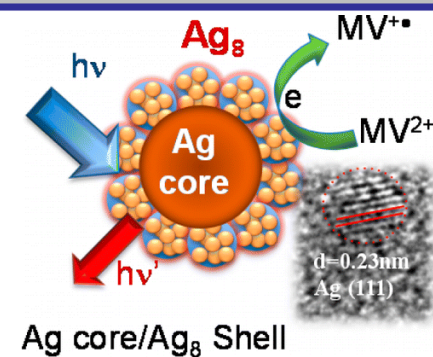


Realizing Visible Photoactivity of Metal Nanoparticles. Excited State Behavior and Electron Transfer Properties of Silver (Ag₈) Clusters

Chen, W.-T.; Hsu, Y.-J.; Kamat, P. V.

J. Phys. Chem. Lett., 2012, **3**, 2493–2499.

[DOI:10.1021/jz300940c](https://doi.org/10.1021/jz300940c)



~ March 2013 ~

◀ Feb 2013

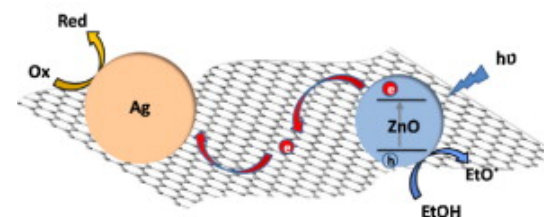
Apr 2013 ▶

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16 Jeff Christian's birthday
17	18	19	20	21 Joe Manser's birthday	22	23
24	25	26	27	28	29 Good Friday	30
31	Notes:					



Photoinduced Electron Charge and Discharge of Graphene-ZnO Nanoparticle Assembly

Yokomizo, Y.; Krishnamurthy, S.; Kamat, P. V
Catal. Today, 2012, **199**, 36
[DOI:10.1016/j.cattod.2012.04.045](https://doi.org/10.1016/j.cattod.2012.04.045)



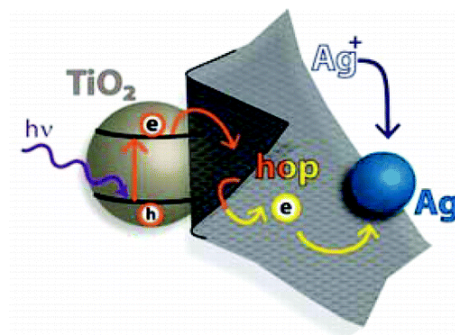
~ April 2013 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28 Sean Murphy's birthday	29	30	Notes:			



Electron Hopping Through Single-to-Few Layer Graphene Oxide Films. Photocatalytically Activated Metal Nanoparticle Deposition.

Lightcap, I. V.; Murphy, S.; Schumer, T.; Kamat, P. V.
J. Phys. Chem. Lett., 2012, **3**, 1453-1458.

[DOI: 10.1021/jz3004206](https://doi.org/10.1021/jz3004206)



~ May 2013 ~

◀ Apr 2013

Jun 2013 ▶

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6	7	8	9	10 Ramesha's birthday	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27 Memorial Day	28	29	30	31	Notes:

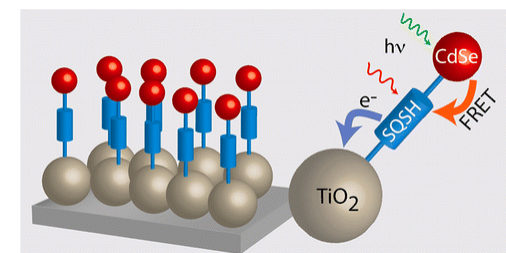


Synchronized Energy and Electron Transfer Processes in Covalently Linked CdSe-Squaraine Dye-TiO₂ Light Harvesting Assembly.

Choi, H.; Santra, P. K.; Kamat, P. V.

ACS Nano, 2012, **6**, 5718–5726

[DOI: 10.1021/nm301982e](https://doi.org/10.1021/nm301982e)

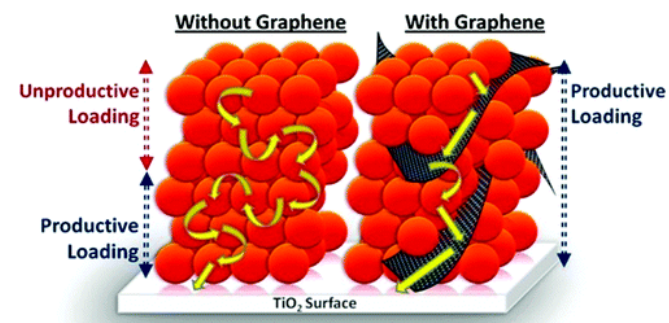


~ June 2013 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18 Yong-Siou's birthday	19	20	21	22
23	24 Ian Lightcap's birthday	25	26	27	28	29
30	Notes:					



Fortification of CdSe Quantum Dots with Graphene Oxide. Excited State Interactions and Light Energy Conversion

Ian V. Lightcap and Prashant V. Kamat
J. Am. Chem. Soc., **2012**, *134* (16), pp 7109–7116
 DOI: [10.1021/ja3012929](https://doi.org/10.1021/ja3012929)



~ July 2013 ~

◀ Jun 2013

Aug 2013 ▶

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4 Independence Day	5	6 Prashant Kamat's Birthday
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	Notes:		

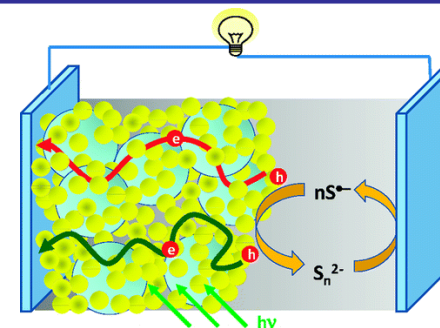


Boosting the Efficiency of Quantum Dot Sensitized Solar Cells Through Modulation of Interfacial Charge Transfer.

Kamat, P. V.

Acc. Chem. Res. 2012, 45, 1906–1915

[DOI: 10.1021/ar200315d](https://doi.org/10.1021/ar200315d)



~ August 2013 ~

◀ Jul 2013

Sep 2013 ▶

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

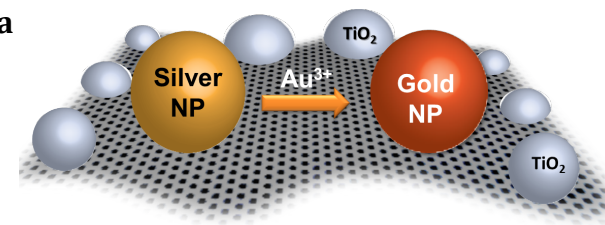


Galvanic Exchange on Reduced Graphene Oxide. Designing a Multifunctional Two-Dimensional Catalyst Assembly

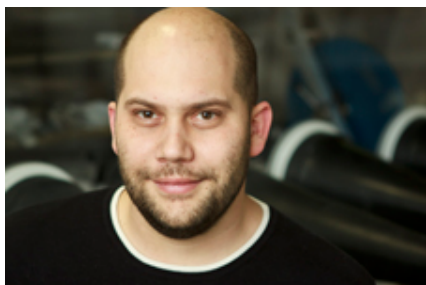
Krishnamurthy, S.; Kamat, P. V.

J. Phys. Chem. C, 2013, **117**, 571

DOI: [10.1021/jp30](https://doi.org/10.1021/jp30)

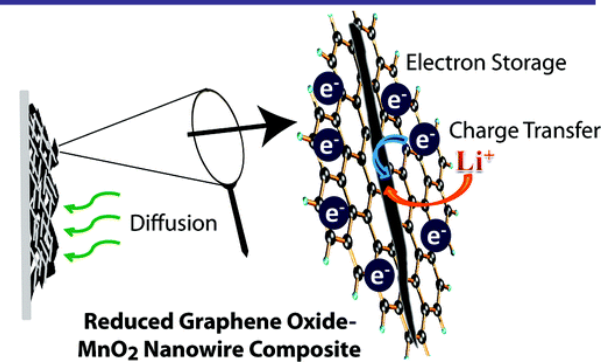


~ September 2013 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2 Labor Day	3	4	5	6 James Radich's birthday	7
8	9	10	11	12	13	14
15	16	17	18	19 Jacob's birthday	20	21
22	23	24	25	26	27	28
29	30	Notes:				

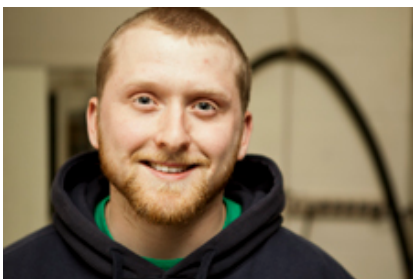


Origin of Reduced Graphene Oxide Enhancements in Electrochemical Energy Storage.

Radich, J. G.; Kamat, P. V.
ACS Catalysis, 2012, **2**, 807-816.
[DOI: 10.1021/cs3001286](https://doi.org/10.1021/cs3001286)



~ October 2013 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20 Sachi's birthday	21	22	23	24	25 Dough Hines real birthday	26
27 Liyuan Sun's birthday	28	29	30	31	Notes:	

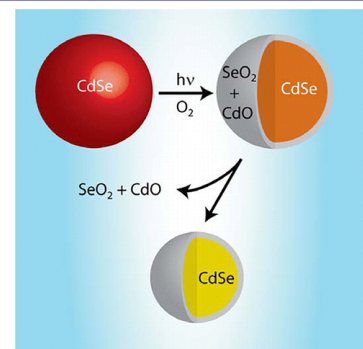


Photoinduced Surface Oxidation and Its Effect on the Exciton Dynamics of CdSe Quantum Dots

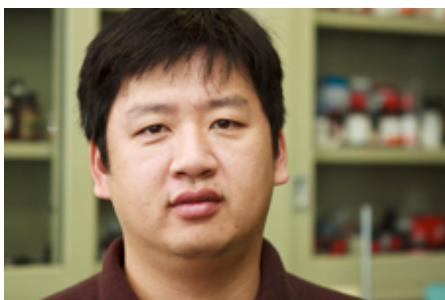
Hines, D. A.; Becker, M. A.; Kamat, P. V.

J. Phys. Chem. C, 2012, **116**, 13452–13457

DOI: [10.1021/jp303659g](https://doi.org/10.1021/jp303659g)



~ November 2013 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5	6	7	8	9
10	11	12	13	14 Danilo's birthday	15	16
17	18	19	20	21	22	23
24	25	26	27 Hyunbong's birthday	28 Thanksgiving day	29	30

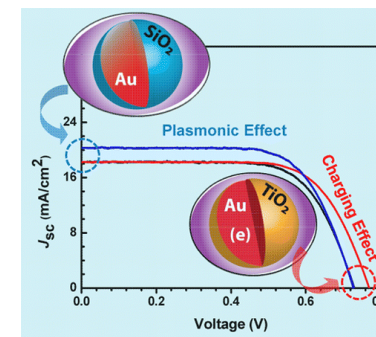


Know Thy Nano Neighbor. Plasmonic versus Electron Charging Effects of Gold Nanoparticles in Dye Sensitized Solar Cells.

Choi, H.; Chena, W. T.; Kamat, P. V.

ACS Nano, 2012, **6**, 4418–4427

[DOI: 10.1021/nn301137r](https://doi.org/10.1021/nn301137r)



~ December 2013 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17 Pralay's Real Birthday	18	19	20	21
22	23	24	25	26	27	28
29	30	31	Notes:			



Mn-Doped Quantum Dot Sensitized Solar Cells. A Strategy to Boost Efficiency over 5%.

Santra, P. K.; Kamat, P. V.

J. Am. Chem. Soc., 2012, 134, 2508–2511.

DOI: [10.1021/ja211224s](https://doi.org/10.1021/ja211224s)

